

FIG. 1

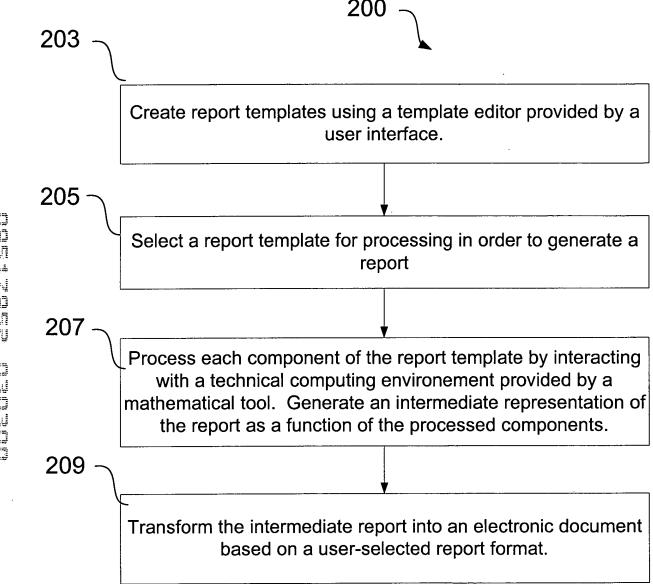


FIG. 2

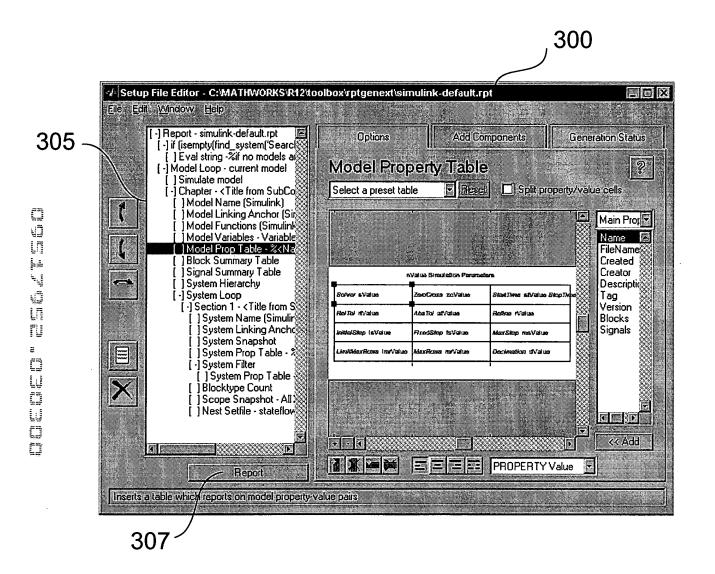


FIG. 3



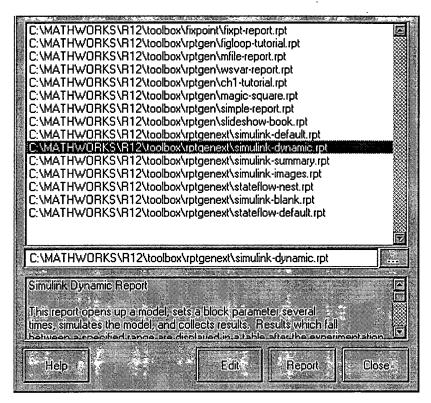


FIG. 4

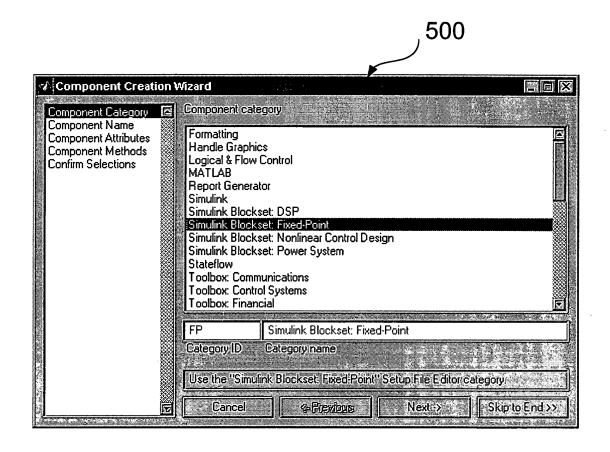


FIG. 5

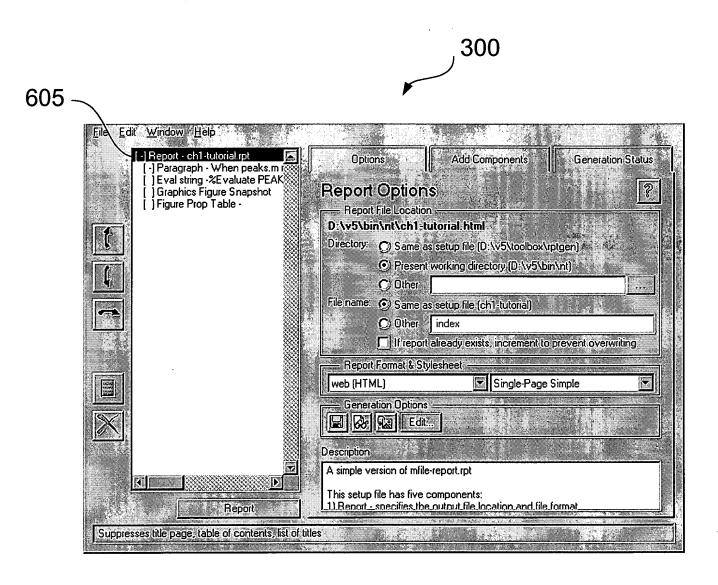


FIG. 6

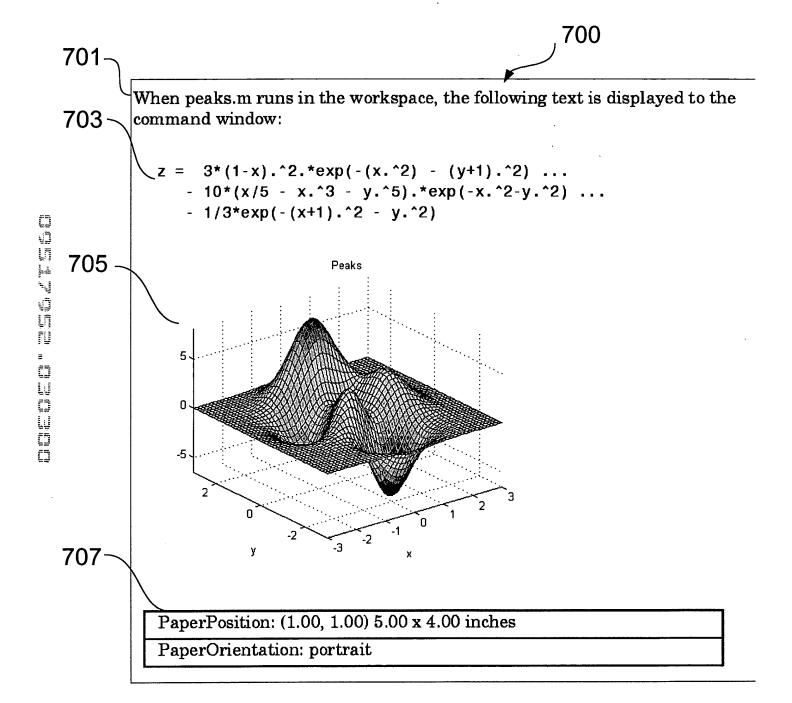


FIG. 7

Formatting Components

Component	Output / Behavior
cfrcelltable	Cell Table
cfrsection	Chapter/Subsection
cfrimage	Image
cfrlink	Link
cfrlist	List
cfrparagraph	Paragraph
cfrtext	Text
cfr_titlepage	Title Page

Graphic Handling Components

Component	Output / Behavior
chgfigloop	Figure Loop
chgfigproptable	Figure Property Table
chgfigsnap	Graphics Figure Snapshot
chgobjname	Graphics Object Name
chgproperty	Handle Graphics Parameter

Logical & Flow Control Components

Component	Output / Behavior
cloelse	<if> Else</if>
cloelseif	<if> Elseif</if>
clothen	<if> Then</if>
clofor	For Loop
cloif	Logical If

FIG. 8

Technical Computing Components

Component	Output / Behavior
cmleval	Evaluate an
	Expression
cmlvariable	Insert Variable
cml_ver	MATLAB/Toolbox
	Version Number
cmlwhos	Variable Table

Reporting Components

Component	Output / Behavior
crg_comment	Comment
	Empty Component
crgempty	
	Import File
<pre>crg_import_file</pre>	
	Nest Setup File
crgnestset	
	Stop Report
crg_halt_gen	Generation
crgtds	Time/Date Stamp

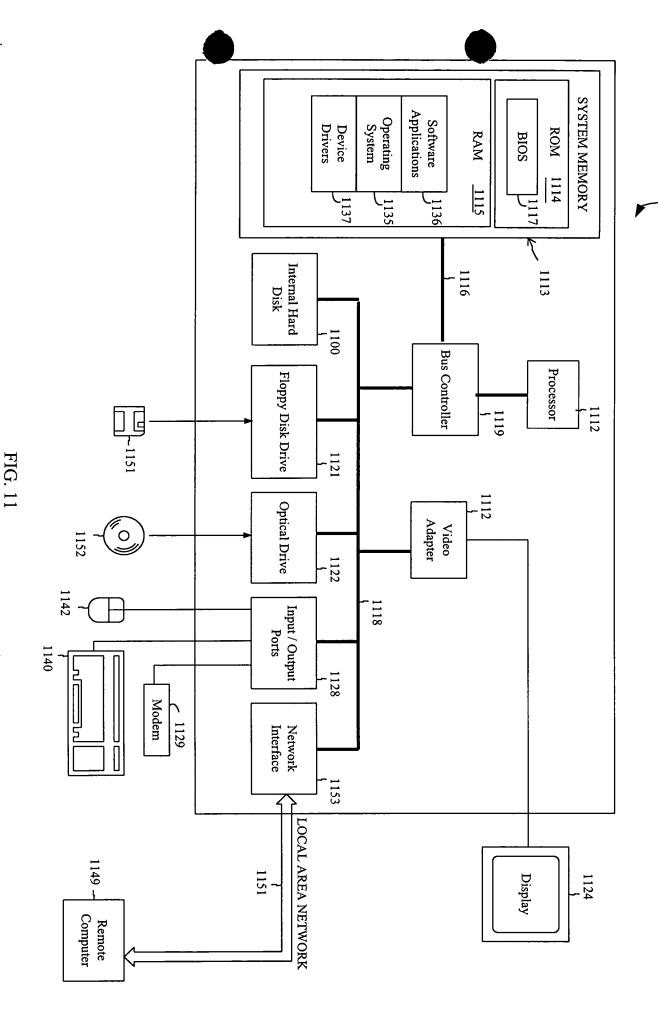
FIG. 9

Simulator Components

Component	Output / Behavior
cslsortblocklist	Block Execution Order
csl_blk_loop	Block Loop
csl_blk_proptable	Block Property Table
cslblockcount	Block Type Count
csl_mdl_changelog	Model Change Log
csl_functions	Model Functions
csl_mdl_loop	Model Loop
csl_mdl_proptable	Model Property Table
cslsim	Model Simulation
csl_variables	Model Variables
csllinktarget	Object Linking Anchor
cslsysname	Object Name
cslproperty	Object Property
csl_summ_table	Object Summary Table
cslscopesnap	Scope Snapshot
csl_sig_loop	Signal Loop
csl_sig_proptable	Signal Property Table
cslfilter	System Filter
cslsyslist	System Hierarchy
csl_sys_loop	System Loop
csl_sys_proptable	System Property Table
cslsnapshot	System Snapshot

State Control Components

Component	Output / Behavior
csf_hier_loop	Stateflow Loop
csf_obj_report	Stateflow Object Report
csf_prop_table	Stateflow Property
	Table
csf_snapshot crg_halt_gen	Stateflow Snapshot Stop Report Generation



(1.5) (1.5) (1.5) (1.5) (1.5) (1.5) (1.5) (1.5) (1.5) (1.5) (1.5) (1.5) (1.5) (1.5) (1.5) (1.5) (1.5) (1.5) (1.5)